

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: ELMARK

Supplier's address: ELMARK INDUSTRIES SC, bul.Dobrudja 2, 9300 Dobrich Dobrich, BG

Model identifier: 98VEGA10SLIM/WH

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	Integrated LED		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	No	Dimmable:	No

Product parameters

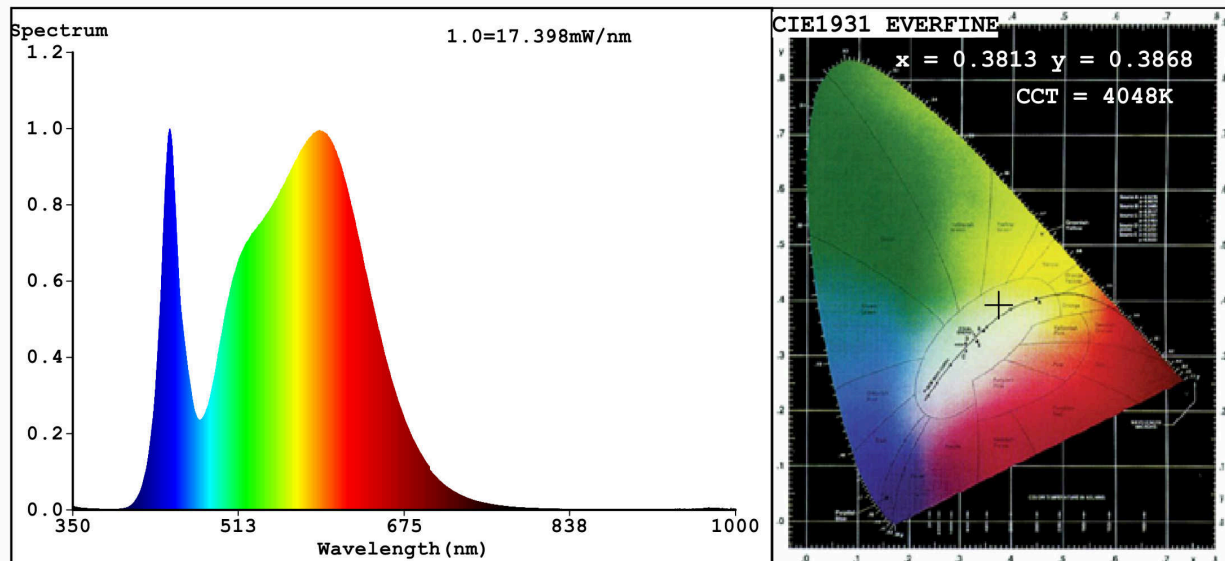
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	10	Energy efficiency class	E
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	900 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	4 000
On-mode power (P_{on}), expressed in W	9,4	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,20
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,381 0,386	
Parameters for directional light sources:				
Peak luminous intensity (cd)	343	Beam angle in degrees, or the range of beam angles that can be set	110	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	0	Survival factor	0,50	
the lumen maintenance factor	0,93			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,90	Colour consistency in McAdam ellipses	1	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,0	

(a) '-': not applicable;

(b) '-': not applicable;

Spectrum Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3813$ $y=0.3868$ $u'=0.2217$ $v'=0.5061$
 CCT=4048K (Duv=0.0044) Dominant WL: $L_d = 576.7\text{nm}$ WL: $L_c = \text{--nm}$ Purity=30.5%
 Ratio: R=17.6% G=79.1% B=3.3% Peak WL: $L_p = 445.2\text{nm}$ FWHM=21.9nm
 Render Index: $R_a = 80.7$

R1 =78	R2 =85	R3 =93	R4 =81	R5 =79	R6 =82	R7 =86
R8 =62	R9 =0	R10=67	R11=81	R12=64	R13=79	R14=96
						R15=70

Photo Parameters:

Flux = 1010 lm Eff. : 107.33 lm/W $F_e = 2.995$ W

Electrical parameters:

V = 219.98 V I = 0.04651 A P = 9.413 W PF = 0.9200

WHITE:ANSI_4000K

Status: Integral T = 60 ms $I_p = 50864$ (78%)

Model:LED FLOODLIGHT
 Tester:Atanas DAKOV
 Temperature:25.3Deg
 Manufacturer:ELMARK

Number:98VEGA10SLIM/WH
 Date:2021-02-01 08:20:33
 Humidity:65.0%
 Remarks:7291